

Title (en)
COMMUNICATION METHOD AND APPARATUS

Title (de)
KOMMUNIKATIONSVERFAHREN UND -VORRICHTUNG

Title (fr)
PROCÉDÉ ET APPAREIL DE COMMUNICATION

Publication
EP 4274341 A4 20240214 (EN)

Application
EP 21918645 A 20210115

Priority
CN 2021072326 W 20210115

Abstract (en)
[origin: EP4274341A1] Embodiments of this application provide a communication method and a communication apparatus, to implement communication in a plurality of bundled time units including an unavailable time unit, avoid communication interruption, and improve communication efficiency. In the method, a communication apparatus first determines first information indicating that N consecutive time units are configured for sending a first message in a joint transmission manner. To be specific, a receiving device that receives the first message performs joint channel estimation in the N bundled consecutive time units to obtain the first message; and when there are P unavailable time units in the N consecutive time units indicated by the first information, the communication apparatus sends the first message in the joint transmission manner in M consecutive time units different from the P unavailable time units.

IPC 8 full level
H04W 72/04 (2023.01); **H04W 28/16** (2009.01); **H04B 1/713** (2011.01); **H04L 5/00** (2006.01)

CPC (source: EP US)
H04L 5/0044 (2013.01 - EP); **H04L 5/0051** (2013.01 - EP); **H04L 5/0094** (2013.01 - EP); **H04L 25/0204** (2013.01 - US);
H04W 72/0446 (2013.01 - US); **H04B 1/713** (2013.01 - EP); **H04L 5/0007** (2013.01 - EP); **H04L 5/0012** (2013.01 - EP);
H04W 72/04 (2013.01 - EP)

Citation (search report)

- [X] US 2019246420 A1 20190808 - PARK KYUNGMIN [US], et al
- [X] WO 2020167896 A1 20200820 - ZHOU HUA [US], et al
- [X] WI RAPPORTEUR (HUAWEI): "RAN1 agreements for Rel-16 eURLLC", vol. RAN WG1, no. Reno, USA; 20191118 - 20191122, 28 November 2019 (2019-11-28), XP051831732, Retrieved from the Internet <URL:https://ftp.3gpp.org/tsg_ran/WG1_RL1/TSGR1_99/Docs/R1-1913603.zip> [retrieved on 20191128]
- See also references of WO 2022151441A1

Cited by
US2022329353A1; US12034537B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4274341 A1 20231108; EP 4274341 A4 20240214; CN 116803130 A 20230922; US 2023403687 A1 20231214;
WO 2022151441 A1 20220721

DOCDB simple family (application)
EP 21918645 A 20210115; CN 2021072326 W 20210115; CN 202180090844 A 20210115; US 202318353324 A 20230717